

IN THE SPECIFICATION

Please replace the paragraph at page 48, prenumbered lines 7-18, with the following rewritten paragraph:

A memory control unit 1905 is a control unit that causes the RAM 1906 serving as a temporary storage to store the image data sent from the scanner unit 1904 and performs arbitration for image processing and speed adjustment of the next process, an image processing unit 1907 is a processing unit that applies spatial filter processing and moiré control processing to image data to be described in detail in Figs. 22 to 27, a RAM 1908 is a device that temporarily stores the image data for each line for these pieces of processing, and an external transfer unit 1909 is a transfer unit that transfers the image data subjected to the image processing in the image processing unit 1907 to the PC 1820. In addition, a storage 1921 is a storage such as the PC [[18]] 1820.

Please replace the paragraph at page 55, prenumbered lines 5-13, with the following rewritten paragraph:

The image data subjected to the double density conversion and rounded to eight bits is passed to a gamma correction processing unit [[7c]] 1907c. The gamma correction processing unit 1907c applies gamma correction to the received image data. Since this gamma correction is also applied to image data with a double density resolution, even if somewhat steep gamma correction is performed, occurrence of moiré due to non-linear processing can be controlled. Next, the image data subjected to the gamma correction is passed to a resolution conversion second processing unit 1907d.

Please replace the paragraph at page 56, prenumbered line 23, to page 57,
prenumbered line 9, with the following rewritten paragraph:

Fig. 27 is a block diagram of a scanner apparatus having a format conversion unit. In Fig. 27, when a user instructs a compression transfer operation for image data from the operation unit ~~[[1]] 1901~~, the CPU ~~1901~~ 1902 instructs the format conversion unit 1911 provided between the image processing unit 1907 and the external transfer unit 1909 to perform a compression operation. Then, the format conversion unit 1911 applies reversible coding to the image data, compresses a capacity of the image data to convert the image data into an image format, which can be held, and passes the image data to the external transfer unit 1909. A general-purpose image data compression system such as the JPEG may be used for the format conversion by the reversible coding.

Please cancel the original Abstract at page 72, lines 1-13 and insert therefor the following substitute Abstract on a separate sheet as follows: